Reserve Officers' Training Corps (ROTC)

Department of Aerospace Studies (Air Force ROTC)

Steven Hernandez, Lt. Colonel, U.S. Air Force
Office: 2917 Cathedral of Learning, University of Pittsburgh

In the four-year commissioning program, a student takes the general military course (GMC) during the freshman and sophomore years, attends a four-week summer training program, and then takes the professional officer course (POC) in the junior and senior years. In the two-year commissioning program, a student attends a five-week summer training program following his or her junior year and then enters the POC. A student is under no contractual obligation to the Air Force until entering the POC or accepting an Air Force Scholarship. In addition to the academic portion of the curriculum, each student attends two hours of leadership lab each week. This lab utilizes a student organization designed for the practice of leadership and management techniques. Two to three and a half year scholarships are available on a competitive basis to qualified students. Many AFROTC scholarships cover a portion of tuition costs, incidentals and lab fees, $600 for books, plus pay each recipient $250-$400 per month.

General Military Course (GMC)
The subject matter for the freshman and sophomore years is developed from an historical perspective and focuses on the scope, structure, and history of military power with emphasis on the development of air power. The freshman courses explore the role of U.S. military forces, and the Air Force in particular, through a study of the total force structure, strategic offensive and defensive forces, general-purpose forces, and support forces. The sophomore courses include an introduction to the history of air power, with emphasis on the development of concepts and doctrine governing the employment of U.S. air power.

Professional Officer Course (POC)
The Professional Officer Course, taken during the cadet’s junior and senior years, concentrates on three main themes: the concepts and practices of management, leadership, and national defense policy. During the first term of the junior year, the course concentrates on a study of the management functions: planning, organizing, coordinating, directing and controlling. Basic and advanced management techniques, as found in the military and industrial environment, are explored. The second term deals with the application of general concepts of leadership to Air Force situations. As a basic study of human behavior, human relationships, and professional ethics, the course emphasizes the similarities between the problems encountered in the military and civilian environment. The first term of the senior course concentrates on selected elements of the U.S. government and national security process engaged in producing national strategy as well as various elements of U.S. military forces, doctrine, and employment capabilities. During the second term, the course concentrates on the strategic options available to the U.S. and on the manner in which policy choices are made. The course also includes a review of the military justice system.

For details about the two programs as well as information on the courses, scholarships and flying programs, interested students are encouraged to contact the Air Force ROTC detachment, or write to the Professor of Aerospace Studies, Air Force ROTC, 2917 Cathedral of Learning, University of Pittsburgh, Pittsburgh, PA 15260.

Department of Military Science (Army ROTC)

Andrew Loeb, Lieutenant Colonel, U.S. Army
Office: Bellefield Hall, Room 409, University of Pittsburgh

The Army Reserve Officers’ Training Corps (ROTC) program support-ing Carnegie Mellon University is located at the University of Pittsburgh. It exists to train the future officer leadership of the United States Army and offers opportunities and challenges that can put college students on the fast track to success in life. ROTC provides a combination of academics and important hands-on training, in addition to physical and mental challenges that will help students succeed in college and beyond. Through the training in ROTC, students will develop the confidence, self-esteem, motivation and leadership skills they will need regardless of their career plans.

The Four-Year Program
The traditional Four-Year program is divided into two parts. The Basic Course is taken in the freshman and sophomore years. There is no commitment for non-scholarship students at this level. Upon successful completion of the Basic Course, students are eligible for the Advanced Course, taken in the junior and senior years. At the beginning of the Advanced Course, students will decide whether or not they wish to become officers in the Army and enter into a formal contract. During the summer between the junior and senior years, students are required to attend the the Leader Development and Assessment Course (LDAC). Upon successful completion of a University degree and the Army ROTC program, students are commissioned into the United States Army as a Second Lieutenant.

The Two-Year Program
If the first two years of ROTC are not taken, students can attend the Leader’s Training Course (LTC) during the summer between the sophomore and junior year. This camp will qualify students to begin the Advanced Course in their junior year or in the first year of a two-year graduate program. Or, if students have served in the active duty military, attended a military academy for one year, participated in JROTC for three years or belong to a Army National Guard or Army Reserve unit, they already qualify for entrance into the Advanced Course.

The Alternative Entry Program
The Alternative Entry Program is designed for academic junior students with no prior qualifying military training but are otherwise qualified. This option allows students to contract into the Advanced Course without receiving placement credit for the basic course. Students accepted into this program must complete the Leader’s Training Course and the Leader Development and Assessment Course during the summer months.

Curriculum

<table>
<thead>
<tr>
<th>Year</th>
<th>Course</th>
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<tbody>
<tr>
<td>Freshman</td>
<td>Introduction to Military Leadership</td>
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<tr>
<td></td>
<td>Foundations of Leadership</td>
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<tr>
<td>Sophomore</td>
<td>Leadership Dynamics and Application</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Applications in Leadership and Combat Power</td>
<td>5</td>
</tr>
<tr>
<td>Junior</td>
<td>Basic Leader Planning and Combat Operations</td>
<td>5</td>
</tr>
<tr>
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<td>Advanced Leader Planning and Combat Operations</td>
<td>5</td>
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Leadership Development Assessment Course (six-week required summer camp)

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<thead>
<tr>
<th>Year</th>
<th>Course</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Senior</td>
<td>Progressive Leadership Theory</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Transition to the Profession of Arms</td>
<td>5</td>
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Army ROTC Scholarships

Army ROTC offers four, three and two year full scholarships with additional annual allowances of $900 for books and a monthly stipend. High school, undergraduate and incoming two-year graduate students are eligible to apply. For application and information call ROTC at the University of Pittsburgh at (412) 624-6254/6197.

The Simultaneous Membership Program (SMP)

This program allows students to become members of the Army National Guard or the Army Reserves while enrolled in Army ROTC. Students in the Advanced Course who are SMP paid are for their Guard/Reserve training. The benefit of this program is that students in the Advanced Course are able to act as Army officers in their National Guard or Reserve unit, receiving valuable leadership experience.

Summer Programs

Leadership Development & Assessment Course
This 35-day camp is a requirement for all contracted students. Students attend the summer between their junior and senior year. Students are placed in various leadership positions throughout Camp and their skills and abilities will be tested and evaluated in preparation of a commission in the United States Army. All expenses are paid by the Army. Students are paid while attending.
Leader's Training Course
This 35-day camp is taken as a prerequisite for entry into the Ad-...
Footnotes:
* Required of students in the Navy Option
** Required of students in the Marine Option
All other courses are required of all students in the program.

Naval ROTC Faculty
THOMAS M. CALABRESE, Captain, US Navy; Professor of Naval Science – B.S., U.S. Naval Academy; Carnegie Mellon, 2012–.